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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/832,339	04/11/2001	Mark Tuomenoksa	07937.0002-01000

CONFIRMATION NO. 8607

FORMALITIES LETTER



OC000000006178240

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, DC 20005-3315

Date Mailed: 06/13/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$80.
 - \$80 for 1 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 920.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);



Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

1. *Chlorophyll a* (Chl *a*) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl *a* is essential for the light-dependent reactions of photosynthesis, where it converts light energy into chemical energy.

2. *Chlorophyll b* (Chl *b*) is an accessory pigment found in green plants and algae. It is a yellow-green pigment that absorbs light energy in the blue and orange regions of the visible spectrum. Chl *b* transfers the absorbed energy to Chl *a* for use in photosynthesis.

3. *Carotenoids* are a group of pigments that include carotenes and xanthophylls. They are responsible for the yellow, orange, and red colors seen in autumn foliage. Carotenoids absorb light energy in the blue and green regions of the visible spectrum and transfer the energy to Chl *a*. They also play a role in protecting the photosynthetic apparatus from damage by reactive oxygen species.

4. *Xanthophylls* are a subclass of carotenoids that are involved in the xanthophyll cycle. This cycle is a protective mechanism that helps plants cope with excess light energy. Xanthophylls can be converted into zeaxanthin, which then dissipates excess energy as heat, preventing damage to the photosynthetic system.

5. *Anthocyanins* are water-soluble pigments that give plants their red, purple, and blue colors. They are not directly involved in photosynthesis but are thought to play a role in attracting pollinators and protecting plants from herbivores and environmental stress.

6. *Flavonoids* are a large class of plant pigments that include flavones, flavonols, and flavanones. They are responsible for the yellow, white, and light blue colors seen in many flowers. Flavonoids also have various physiological functions, including acting as antioxidants and signaling molecules.

7. *Anthoxanthins* are a group of pigments that include flavones and flavonols. They are responsible for the yellow and white colors seen in many flowers. Anthoxanthins also have various physiological functions, including acting as antioxidants and signaling molecules.

8. *Anthocyanins* are a group of pigments that include anthocyanidins and anthocyanins. They are responsible for the red, purple, and blue colors seen in many flowers. Anthocyanins also have various physiological functions, including acting as antioxidants and signaling molecules.

9. *Anthocyanins* are a group of pigments that include anthocyanidins and anthocyanins. They are responsible for the red, purple, and blue colors seen in many flowers. Anthocyanins also have various physiological functions, including acting as antioxidants and signaling molecules.

10. *Anthocyanins* are a group of pigments that include anthocyanidins and anthocyanins. They are responsible for the red, purple, and blue colors seen in many flowers. Anthocyanins also have various physiological functions, including acting as antioxidants and signaling molecules.



RECEIVED
AUG 10 2001
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PATENT

Customer No. 22,852
Attorney Docket No. 07937.0002-01000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Mark TUOMENOKSA et al.) Group Art Unit: 2183
)
Serial No.: 09/832,339) Examiner:
)
Filed: April 11, 2001)
)
For: METHODS AND SYSTEMS FOR)
PARTNERS IN VIRTUAL)
NETWORKS)

Assistant Commissioner for Patents
Washington, DC 20231

Attention: **BOX MISSING PARTS**

Sir:

**RESPONSE TO NOTICE TO FILE
MISSING PARTS OF APPLICATION**

In response to the communication of June 13, 2001, Applicants submit a Declaration/Power of Attorney for filing in this application, a copy of the Notice to file Missing Parts, the statutory filing fee of \$710.00, a fee of \$80.00 for 1 additional independent claim, and the required declaration surcharge of \$130.00 (total fees = \$920.00). In addition, Applicants submit substitute drawings in compliance with 37 C.F.R. § 1.84.

Please associate the enclosed declaration with the application, grant any extensions of time required to enter this response, and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: August 10, 2001

By: 

Charles W. Chesney
Reg. No. 45,874

FILED

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